

CALL FOR PAPERS



Workshop on interdisciplinary systems approach in performance evaluation and design of computer & communication systems

October 26, 2007

(co-located with ICST/CreateNet Valuetools 2007, Nantes, France)

In technical cooperation with ACM SIGMETRICS and SIGSIM



ICST



Communication networks is now a diverse area featuring sensor networks, mobile networks, ad hoc networks, and various application layer networks. A great deal of current research focuses on the networking aspect of interacting computer systems, which are typically large scale, sometimes closely coupled to spatial environment of their deployment, some may be dense, and their operation may often be required to be self-organized. The workshop aims at getting together researchers and practitioners from diverse areas, including biological systems, economics, epidemiology, physics, and social sciences, to present their contributions applicable to performance evaluation and design of computer & communications systems. Topics of interest include but are not limited to:

- Algorithms and complexity
- Artificial immune systems
- Biological and chemical methods
- Interacting particle systems
- Microeconomics of networks
- Percolation
- Random graphs
- Self-organization
- Social networks
- Statistical physics methods

Important Dates:

- Paper Submission Deadline: **June 29, 2007**
- Notification of Acceptance: **July 31, 2007**
- Camera-ready Manuscripts due: **August 24, 2007**

Submission instructions:

Conference language is English. Prospective authors are encouraged to submit a PDF version of the full paper in IEEE conference proceedings format, which are limited to 10 two-column pages in a font no smaller than 10-points. All paper submissions will be handled electronically. Please visit <http://www.inter-perf.org/submission.shtml> for detailed submission requirements and procedures. All submitted papers will go through a peer review process. All accepted papers will be made available in Association for Computing Machinery (ACM) Digital Library, as well as indexed by EI and ISI Index.

Chairs:

- Ayalvadi Ganesh, Microsoft Research
- Olivier Dousse, Deutsche Telekom Laboratories

Technical Program Committee:

- Sem Borst, Eindhoven University of Technology
- Jean-Yves Le Boudec, EPFL
- Ken Duffy, Hamilton Institute
- Massimo Franceschetti, UCSD
- Martin Haenggi, University of Notre Dame
- Ramesh Johari, Stanford University
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